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TOBACCO INDUSTRY RESEARCH COMMITTEE
150 EAST FORTY SECOND STREET NEW YORK 17, N. Y.

Application For Research Grant

Date: November 11, 1958

1. Name of Investigator: Russell W. Weller, M.D.

2. Title: Pathologist

3. Institution & Address: Ephrata Community Hospital, Ephrata, Penna.
Chester County Hospital, West Chester, Penna.

4. Project or Subject: A Selected, Extended and Detailed Study of Human Bronchial Mucosa.

5. Detailed Plan of Procedure (Use reverse side if additional space is needed):
Selected lungs as listed below would be re-studied in a much more detailed manner by dissecting continuous, longitudinal sections (2.0 x 0.4 cm) as shown on the enclosed diagram. Utilizing this extensive bronchial mucosal area (approximately 200 sections each case) we could accurately map the extent and degree of cytological change in the following specially selected groups of persons chosen from our present series.

A. Rural, male, non-smokers, over 40, Normal mucosa (5 cases).
B. " " " " " Metaplastic " "
C. " " Moderate " " Normal " "
D. " " " " " Metaplastic " "
E. " " Heavy " " Normal " "
F. " " " " " Metaplastic " "

G, H, I, J, K, L - Similar groups to above but living in heavily populated, urban areas last 10 years of life.

M to Z-12 groups similar to A to L but consisting of females.

Portions of these lungs could also be sent for chemical study to Doctor Butt (inorganic) and Doctor Kotin (organic).

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Source: https://www.industrydocuments.ucsf.edu/docs/trll0000

The 120 cases could probably be completed in 18 to 24 months.

This study would compare favorably in scope to that of Auerbach et al. It would give us a less-shaded picture of the incidence of "Carcinoma in Situ" which as presented by Auerbach, along with his large percentage of lung cancer cases, appears to many competent, unprejudiced observers to be an exceedingly "liberal" interpretation of early cancer and pre-cancerous growth changes.

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Source: https://www.industrydocuments.ucsf.edu/docs/trll0000

6. Budget Plan: 24 months

	(24 months)
Salaries	$16,000.00
Expendable Supplies	~~2,500.00~~
Permanent Equipment Overhead 15%	~~1,850.00~~
Overhead	
Other	
Total	~~$20,350.00~~

7. Anticipated Duration of Work: 24 months.

8. Facilities and Staff Available:

A. Three rural hospitals with total of 800 beds (Ephrata, Chester County, Lancaster General)

B. One urban hospital of 600 beds (Mahnemann-Phila.)

C. Two tissue technicians, typist-secretary, medical student and record room librarian history-coordinators.

D. Morgue cleaner.

9. Additional Requirements:

none

10. Additional Information (Including relation of work to other projects and other sources of supply):

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Signature /s./ Russell W. Miller
Director of Project

/s./ Nancy K. Aspinall, Administrator
Business Officer of the Institution

Source: https://www.industrydocuments.ucsf.edu/docs/tnl0000